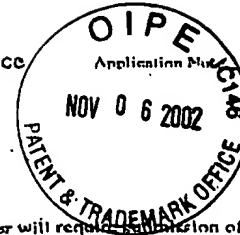


HOGAN PTO 948 (REV 11-01)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

NOTICE OF DRAFTPERSON'S
PATENT DRAWING REVIEWThe drawing filed (insert date) 3/25/99 are:

- A. not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

Color drawing are not acceptable until petition is granted.

Fig. (s) _____

Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.

3 full tone sets are required. Fig(s) _____

Photographs not properly mounted (must be on board or photographic double-weight paper). Fig(s) _____

Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c)

Paper not flexible, strong, white and durable.

Fig(s) _____

Erasures, alterations, overwritings, interlineations,

folds, copy machine marks not acceptable (too thin)

Mylar, vellum paper is not acceptable (too thin)

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawings sheets not the same size

Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: A4 SizeTop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) _____

Top (T) _____

Left (L) _____

Right (R) _____

Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Views connected by projection lines or lead lines.

Fig. (s) _____

Partial views. 37 CFR 1.84(h)(2)

Breaks needed to show figure as one entity.

Fig. (s) _____

Views not labeled separately or properly.

Fig. (s) _____

Enlarged view not labeled separately or properly

Fig. (s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object.

Fig. (s) _____

Sectional designation should be noted with Arabic or

Roman numerals. Fig. (s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left to right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig. (s) _____

Views not on the same plane on drawing sheet. Fig. (s) _____

9. SCALE. 37 CFR 1.84(j)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction

Fig. (s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k)

Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (good line quality)

Fig. (s) _____

11. SHADING. 37 CFR 1.84(l)

Solid black shading not permitted. Fig. (s) _____

Solid black shading not permitted. Fig. (s) _____

Shade lines, pale, rough and blurred. Fig. (s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.84(m)

Numbers and reference characters not plain and legible.

Fig. (s) _____

Figure legends are poor. Fig. (s) _____

Numbers and reference characters not oriented in the same

direction as the view. 37 CFR 1.84(p)(3). Fig. (s) _____

English alphabet not used. 37 CFR 1.84(p)(3). Fig. (s) _____

Numbers, letters and reference characters must be at least

32 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3). Fig. (s) _____

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig. (s) _____

Lead lines missing. Fig. (s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig. (s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(s)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig. (s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from PTO 948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig. (s) _____

Solid black shading not used for color contrast.

Fig. (s) _____

COMMENTS

REVIEWER _____

DATE 7/6/99TELEPHONE NO. 2023018891

ATTACHMENT TO PAPER NO. _____

APPLICANT'S COPY